

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 07242566  
PUBLICATION DATE : 19-09-95

APPLICATION DATE : 01-03-94  
APPLICATION NUMBER : 06031668

APPLICANT : KIRIN BREWERY CO LTD;

INVENTOR : MATSUMOTO ATSUSHI;

INT.CL. : A61K 39/395 A61K 39/395 C12P 21/08 // C12N 5/10 (C12P 21/08 , C12R 1:91 )

TITLE : IMMUNOSUPPRESSIVE AGENT

ABSTRACT : PURPOSE: To obtain an immunosuppressive agent which contains an antibody reactive with human nucleolin as an active ingredient, thus is useful for treating immunopathies because it can inhibit cellular rejection with excellent affinity.

CONSTITUTION: The object immunosuppressive agent contains, as an active ingredient, an antibody reactive with human nucleolin such as a monoclonal antibody produced by a hybridoma cell line K28 (FERM-BP-4577). It is preferred that the antibody is an F(ab)<sub>2</sub> fragment of polyclonal antibody and the dose of the antibody is preferably 10μg to 1,000mg/day/adult.

COPYRIGHT: (C) JPO